Applicant : Dan Kikinis et al.   Attorney's Docket No.: 091451.00121
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Amendments to the claims:

This listing of claims replaces all prior versions and listings of the claims in the application.

In the claims:

Please amend the claims as follows:

Listing of Claims:

1. (Currently amended) A system, comprising:

a first unit to generate an interactive three-dimensional (3-D) electronic programming guide (EPG); ~~and~~

a database interconnected to an offline archive storing a plurality of objects associated with past programming events, the plurality of objects comprising EPG objects and non-EPG objects, the EPG objects selected from the group consisting of 3-D images, alphanumeric text and video data, the non-EPG objects comprising localized content and electronic commerce (e-commerce) objects; and

a user interface (UI) for interaction with the localized interactive content and e-commerce objects.

2. (Original) The system of Claim 1 wherein the system comprises a set-top box, a television, or a VCR.

3. (Original) The system of Claim 1 wherein the system includes a plurality of drivers, one of the drivers communicating with a separate unit to replenish programming information.

4. (Currently amended) The system of Claim 1 wherein the EPG objects comprise ~~a memory in the system contains a plurality of objects associated with current programming events,~~ a first class of objects providing plurality of virtual worlds included in the 3-D EPG.

5. (Currently amended) The system of Claim 4 wherein ~~the EPG objects comprise the memory in the system includes~~ a second set of objects that includes at least one of a schedule times, channel identification, or title, corresponding to a program.

6-7. (Canceled)

8. (Currently amended) The system of Claim 1 wherein the 3-D ~~3D~~ EPG includes a presentation of a virtual world related to content selected by a user.

9. (Original) The system of Claim 8 wherein a subset of the virtual world is displayed as a matrix of rectangular boxes containing current program information.

10. (Currently amended) The system of claim 1 ~~6~~ wherein the localized interactive content ~~of the third set of objects~~ is uploaded in real time.

11. (Canceled)

12. (Currently amended) A computer-implemented method, comprising:

generating an interactive three-dimensional (3-D) electronic programming guide (EPG); and

~~providing~~ enabling a database interconnected to an offline archive storing a plurality of objects associated with past programming events, the plurality of objects comprising EPG objects and non-EPG objects, the EPG objects selected from the group consisting of 3-D images, alphanumeric text and video data, the non-EPG objects comprising localized content and electronic commerce (e-commerce) objects; and

enabling a user interface (UI) for interaction with the localized interactive content and e-commerce objects.

13. (Currently amended) The computer-implemented method of Claim 12 <u>wherein the EPG</u> <u>objects comprsie</u> ~~further including storing in a memory~~ a plurality of objects associated with current programming events.

14. (Currently amended) The <u>computer-implemented</u> method of Claim 13 ~~performed by~~ <u>wherein</u> <u>the 3-D EPG resides in</u> a set-top box, a television system, or a VCR.

15. (Currently amended) The <u>computer-implemented</u> method of Claim 13 wherein the <u>EPG</u> <u>objects enable a</u> plurality ~~of objects includes a first set of objects providing plurality~~ of virtual worlds ~~included in the 3-D EPG~~.

16. (Currently amended) The <u>computer-implemented</u> method of Claim 15 wherein the <u>EPG</u> <u>pbjects comprise</u> ~~plurality of objects includes a second set of objects that includes at least one of~~ a <u>program</u> schedule times, <u>program</u> channel identifications, <u>and program</u> titles~~, corresponding to~~ ~~a program~~.

17-18. (Canceled)

19. (Currently amended) The <u>computer-implemented</u> method of Claim <u>12</u> ~~18~~ wherein the <u>3-D</u> ~~3D~~ EPG includes a presentation of a virtual world related to content selected by a user.

20. (Currently amended) The <u>computer-implemented</u> method of Claim 19 wherein a subset of the virtual world is displayed as a matrix of rectangular boxes containing current program information.

21. (Currently amended) The <u>computer-implemented</u> method of claim 20 <u>wherein the content is</u> <u>uploaded in real time</u> ~~further including uploading the localized interactive content of the third set~~ ~~of objects in real time~~.

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22. (Canceled)

23. (Currently amended) A machine-readable storage medium tangibly embodying a sequence of instructions executable by the machine to perform a method for enabling providing for a three-dimensional (3-D) enabled electronic programming guide (EPG), the method comprising:

generating an interactive 3-D electronic programming guide (EPG); and

enabling providing a database interconnected to an offline archive storing a plurality of objects associated with past programming events, the plurality of objects comprising EPG objects and non-EPG objects, the EPG objects selected from the group consisting of 3-D images, alphanumeric text and video data, the non-EPG objects comprising localized content and electronic commerce (e-commerce) objects; and

enabling a user interface (UI) for interaction with the localized interactive content and e-commerce objects.

24. (Currently amended) The machine-readable storage medium of Claim 23 wherein the EPG is stored in a set-top box, a television, or a VCR.

25. (Original) The machine-readable storage medium of Claim 24 further including instructions to provide a plurality of drivers, one of the drivers communicating with a separate unit to replenish programming information.

26. (Currently amended) The machine-readable storage medium of Claim 24 wherein the EPG objects comprise a further including instructions to provide a plurality of objects associated with current programming events, including a first class of objects providing plurality of virtual worlds included in the 3-D EPG.

27. (Currently amended) The machine-readable storage medium of Claim 26 wherein the EPG objects comprise plurality of objects includes a second set of objects that includes at least one of

a program schedule times, program channel identification~~s~~, and program titles ~~or title,~~

~~corresponding to a program~~.

28. (Canceled)

29. (Currently amended) The machine-readable storage medium of Claim 27 ~~28~~ wherein the ~~3D~~

EPG objects comprise ~~includes~~ a presentation of a virtual world related to content selected by a

user.

30. (Original) The machine-readable storage medium of Claim 29 wherein a subset of the

virtual world is displayed as a matrix of rectangular boxes containing current program

information.

31. (Currently amended) The machine-readable storage medium of Claim 30 wherein a user ~~of~~

~~the system~~ chooses a virtual world to display programming information.

32. (Canceled)

33. (Currently amended) The machine-readable storage medium of Claim 27 ~~32~~ wherein the

localized ~~interactive~~ content ~~of the third set of objects~~ is uploaded in real time.

34. (Canceled)